IN THE CLAIMS:

Please amend the claims as follows:

1.   (Currently Amended)   A method for processing multimedia data, comprising:

indexing the multimedia data to an i by j matrix; and

storing the i by j matrix in a data storage device utilizing odd/even index sequencing of the i by j matrix;

~~retrieving data from the data storage device; and~~

~~reconstructing the i by j matrix utilizing odd/even index sequencing of retrieved data.~~

2.   (Original)   The method of claim 1 wherein the multimedia data is selected from still image data and video image data.

3.   (Currently Amended)   The method of claim ~~1~~ 24, further comprising disabling a data recovery procedure programmed on the data storage device.

4.   (Original)   The method of claim 1 wherein the multimedia data represents an image having i times j pixels.

5.   (Original)   The method of claim 1 wherein the multimedia data represents an image having i times j subimages and wherein the i by j matrix corresponds to the i times j subimages.

6.   (Currently Amended)   The method of claim ~~5,~~ 24, wherein the multimedia data represents an image having i times j subimages and wherein the i by j matrix corresponds to the i times j subimages; further comprising:

compressing the subimages before storing the i by j matrix in the data storage device; and

decompressing the reconstructed i by j matrix to render the image.

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7.   (Original)   The method of claim 1 wherein the odd/even index sequencing comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence.

8.   (Original)   The method of claim 7 wherein the index sequences are stored in logic blocks in the data storage device.

9.   (Original)   The method of claim 7 wherein each index sequence is stored in one or more logic blocks in the data storage device.

10.   (Currently Amended)   The method of claim ~~9~~ 24,

wherein the odd/even index sequencing comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence;

wherein each index sequence is stored in one or more logic blocks in the data storage device;

further comprising, when a logic block is flawed, assigning one or more fixed values for one or more portions of the index sequences contained in the flawed logic block.

11.   (Currently Amended)   The method of claim ~~9~~ 24,

wherein the odd/even index sequencing comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence;

wherein each index sequence is stored in one or more logic blocks in the data storage device;

further comprising, when a logic block is flawed, interpolating one or more replacement values for one or more portions of the index sequences contained in the flawed logic block.

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12. (Currently Amended) A signal bearing medium, comprising a program which, wh n executed by a proc ssor, performs a method comprising:

indexing the multimedia data to an i by j matrix; and

storing the i by j matrix in a data storage device utilizing odd/even index sequencing of the i by j matrix;

~~retrieving data from the data storage device; and~~

~~reconstructing the i by j matrix utilizing odd/even index sequencing of retrieved data.~~

13. (Currently Amended) The signal bearing medium of claim ~~12~~ 25, wherein the method further comprises disabling a data recovery procedure programmed on the data storage device.

14. (Original) The signal bearing medium of claim 12 wherein the multimedia data represents an image having i times j subimages and wherein the i by j matrix corresponds to the i times j subimages.

15. (Currently Amended) The signal bearing medium of claim ~~14~~ 25, wherein the multimedia data represents an image having i times j subimages, wherein the i by j matrix corresponds to the i times j subimages, and wherein the method further comprises:

compressing the subimages before storing the i by j matrix in the data storage device; and

decompressing the reconstructed i by j matrix to render the image.

16. (Original) The signal bearing medium of claim 12 wherein the odd/even index sequencing comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence.

17. (Original) The signal bearing medium of claim 16 wherein each index sequence is stored in one or more logic blocks in the data storage device.

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18.   (Currently Amended)   The signal bearing medium of claim ~~17~~ 25,
wherein the odd/even index sequencing comprises an odd/odd index sequence,
an odd/even index sequence, an even/odd index sequence, and an even/even index
sequence;

wherein each index sequence is stored in one or more logic blocks in the data
storage device; and

wherein the method further comprises, when a logic block is flawed, interpolating
one or more replacement values for one or more portions of the index sequences
contained in the flawed logic block.

19.   (Currently Amended)   A server system for processing multimedia data,
comprising:

a processor;

a memory connected to the processor; and

one or more storage devices for storing multimedia data connected to the
processor, wherein the processor is configured to perform a method for processing
multimedia data, comprising:

indexing the multimedia data to an i by j matrix; and

storing the i by j matrix in a data storage device utilizing odd/even index
sequencing of the i by j matrix;

~~retrieving data from the data storage device; and~~

~~reconstructing the i by j matrix utilizing odd/even index sequencing of~~

~~retrieved data.~~

20.   (Currently Amended)   The system of claim ~~19~~ 26 wherein the processor is
further configured to disable a data recovery procedure programmed on the data
storage device.

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21.   (Original)   The system of claim 19 wherein the odd/ ven ind x sequencing comprises an odd/odd index s quence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence.

22.   (Currently Amended)   The system of claim 21 wherein the processor is further configured to store each index sequence ~~is stored~~ in one or more logic blocks in the data storage device.

23.   (Currently Amended)   The system of claim ~~22~~ 26,
      wherein the odd/even index sequencing comprises an odd/odd index sequence, an odd/even index sequence, an even/odd index sequence, and an even/even index sequence;
      wherein the processor is further configured to store each index sequence ~~is stored~~ in one or more logic blocks in the data storage device; and
      wherein the processor is further configured to interpolate one or more replacement values, when a logic block is flawed, for one or more of the index sequences contained in the flawed logic block.

Please add the following claims:

24.   (New)   The method of claim 1, further comprising:
      retrieving data from the data storage device; and
      reconstructing the i by j matrix utilizing odd/even index sequencing of the retrieved data.

25.   (New)   The signal bearing medium of claim 12, wherein the method further comprises:
      retrieving data from the data storage device; and
      reconstructing the i by j matrix utilizing odd/even index sequencing of the retrieved data.

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26.   (New)   The system of claim 19, wher in the processor is further configured to retrieve data from the data storage device and to reconstruct the i by j matrix utilizing . odd/even index sequencing of the retrieved data.

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